

**POLREP #2**  
**E15601 - Mid Valley Pipeline Oil Spill**

**Mooringsport, LA**  
**Latitude: 32.6502000 Longitude: -93.9894000**

**To:**

Ronald D.  
Crossland,  
USEPA  
Superfund  
Division -  
PRB  
Reggie  
Cheatham,  
USEPA HQ  
Brian  
Wynne, DPS

**From:**

William  
Rhotenberry,  
FOSC

**Date:**

10/21/2014

**Reporting Period:**

10/16/2014  
through  
10/21/14

## **1. Introduction**

### **1.1 Background**

<b>Site Number:</b>	V6QF	<b>Contract Number:</b>	
<b>D.O. Number:</b>		<b>Action Memo Date:</b>	
<b>Response Authority:</b>	OPA	<b>Response Type:</b>	Emergency
<b>Response Lead:</b>	PRP	<b>Incident Category:</b>	Removal Assessment
<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	10/13/2014	<b>Start Date:</b>	10/13/2014
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	
<b>FPN#:</b>	E15601	<b>Reimbursable Account #:</b>	

#### **1.1.1 Incident Category**

On 13 October 2014, a spill of crude oil occurred from a 20 inch pipeline owned by Mid-Valley Pipeline located near Mooringsport, LA. Sunoco Logistics owns 91% of Mid Valley Pipeline and is the designated Responsible Party (RP). Sunoco first reported to the NRC a drop in pressure in the pipeline at approximately 8:30am on 13 October and remotely blocked in the pipeline. They sent crews to the field and discovered the leak at approximately 11:30am. The crude oil entered into the Miller Branch Creek of the Tete Bayou which feeds into Caddo Lake. Sunoco early estimates of volume spilled based on topographical "drain down" is 4,000 barrels (bbls).

### 1.1.2 Site Description

The spill origin is located near a high voltage electrical transmission line right of way approximately .4 miles west of Highway 169 south of Mooringsport, LA. Latitude: 32.652854° North, Longitude 93.981928° West. After entering Miller Branch Creek crude oil flowed downstream to the northwest as it approached Caddo Lake. The spill pathway distance between the origin and the most downstream containment boom is approximately 4.1 miles. The stream distance between the most downstream containment boom and Caddo Lake is approximately 0.42 miles.

#### 1.1.2.1 Location

The Site is located near Mooringsport, LA , Latitude: 32.652854° North, Longitude 93.981928° West.

#### 1.1.2.2 Description of Threat

Approximately 4000 barrels of crude oil was discharged into Miller Branch Creek and Tete Bayou. The oil is within 0.4 miles of Caddo Lake. Caddo Lake is a navigable water. Two residences adjacent to the spill pathway have been voluntarily evacuated. Polrep 1 stated three residences were voluntarily evacuated, the correct number is two residences.

### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

On 13 October 2014 at 2020 hours, On-Scene Coordinator (OSC) William Rhotenberry and EPA's Superfund Technical Assessment and Response Team (START) initiated an assessment of the incident.

During the initial assessment, crude oil was observed in Miller Branch Creek near a bridge located on Caddo Parish Road 121: Latitude: 32.655381° North, Longitude 93.989273 West. The RP and their OSRO, Oil Mop, Inc.(OMI) were utilizing a vacuum truck to recover free standing oil which was then transported to frac tanks staged on Hereford Road. The RP and OMI reported they had contained the crude oil approximately 0.5 miles upstream of Caddo Lake.

## 2. Current Activities

### 2.1 Operations Section

#### 2.1.1 Narrative

#### 2.1.2 Response Actions to Date

During the period of 16 October through 21 October 2014, the RP increased personnel to a total of 261. This number includes personnel from Sunoco Logistics, Walker Hill Environmental, Conestoga Rovers & Associates, OMI, Garner Environmental Services, ISI Solutions, Inc., and The Response Group (TRG). Approximately 16 Federal/State/Local personnel are on site monitoring operations. Crews established 3 additional oil collection locations and used vacuum trucks to recover crude oil from the impacted watershed: Upstream Collection Point 1 (UCP1); Upstream Collection Point 2 (UCP2); Midstream Collection Point 1(MCP1); Downstream Collection Point 1(DCP 1); and Downstream Collection Point 2 (DCP2). UCP1 is located approximately 0.5 miles downstream of the spill origin. UCP2 is located approximately 1 mile downstream of the spill origin. MCP1 is located approximately 1.75 miles downstream of the spill origin. DCP1 and DCP2 are located at the intersection of the spill pathway and Hereford Road. The RP recovery team continued the removal of oil affected debris in the spill pathway. Additional underflow dams were installed at the new collection points. The RP retained access to a large private pond in the area, and constructed a water transfer system to assist in the flushing operations

Deleted: at 5 collection points

upstream of UCP1. Flushing operations utilizing the pond water and constructed transfer system will begin on 22 October. All recovered oil/water was transported and transferred to frac tanks staged at the Hereford Road staging area.

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A Homeowner Re-Entry Plan and a Waste Management Plan were created and approved by Unified Command.

**Deleted:** An Equipment Decon Plan and a Weather Contingency Plan are currently being created.

Unified Command implemented the Home Owner Re-Entry Plan for two residents that were evacuated during the emergency response. EPA and Sunoco contractors conducted air monitoring around the perimeter of each resident's property and all VOC readings were non-detect. The Louisiana State Police informed the residents that the evacuation was over and they could return to their homes. One resident decided not to return to their home due to odors in the area.

**Deleted:** START

On 19 October following the implementation of the Home Owner Re-Entry Plan, the Louisiana State Police transferred the SOSC authority to the Louisiana Oil Spill Coordinating Office (LOSCO). Soil was excavated from the damaged pipeline section, and the damaged pipe was removed from the line. New pipe was placed onto the line and testing of the pipe is currently ongoing.

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**Deleted:** cial on site.

**Deleted:** pipie

Approximately 2,113 barrels of oil have been recovered as of 19 October. The 2,113 barrels of recovered oil were transported to Sunoco's Haynesville Station for recycling. Approximately 220 barrels of oily liquid has been recovered. Approximately 460 cubic yards of oil impacted soil has been removed from the release site/spill origin. Approximately 180 cubic yards of oil impacted debris has been removed from the impacted creek area. All waste streams are being staged on site pending disposal.

**Commented [RC1]:** I would update this section with more current information. The reporting period is thru the 21<sup>st</sup>.

During this period, EPA START determined the actual distance of creek impacted is approximately 10 miles. The earlier estimate of 4 miles was created using a straight line from the spill origin to the mouth of Caddo Lake.

**Deleted:** calculated

Need to add increases in EPA personnel, START, USFW contributions to response.

Need to mention impacts to wildlife and recover/rehabilitation efforts

Public outreach

Need to discuss what is happening with collected oil and waste that is generated.

Need to identify your outreach to the State of Texas.

### 2.1.3 Enforcement Activities, Identity of Potentially Responsible Parties (PRPs)

Sunoco Logistics own 91% of Mid Valley Pipeline and is the RP for the incident. A Notice of Federal Interest was issued to the RP on October 14th.

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### 2.1.4 Progress Metrics

Waste Stream	Medium	Quantity	Manifest #	Treatment	Disposal
Oil	barrels	2113	Haynesville Station	Recycling	

**Deleted:** 2113

Oily Liquid	barrels	220			
Oil Impacted Soil	cubic yards	460			
Oil impacted debris	cubic yards	180			

## 2.2 Planning Section

### 2.2.1 Anticipated Activities

An Equipment Decon Plan and a Caddo Lake Contingency Plan are currently being created.

Sunoco anticipates completing the repairs to the pipeline and conducting a pressure test.

**Deleted:** Pressure testing of the new line.

Crews will continue the oil recovery operations.

**Deleted:** Continued

Air monitoring will be conducted to ensure public and responder safety.

**Deleted:** and a

Are we going to take a source sample and send to the USCG lab?

**Deleted:** activities.

#### 2.2.1.1 Planned Response Activities

#### 2.2.1.2 Next Steps

#### 2.2.2 Issues

Oil has not impacted Caddo and a contingency plan is being developed in the event that it is.

One resident has decided not to return back home because of the ongoing incident.

## 2.3 Logistics Section

No information available at this time.

## 2.4 Finance Section

### Estimated Costs \*

	Budgeted	Total To Date	Remaining	% Remaining
<b>Extramural Costs</b>				
Cooperative Agreements/Letter Contracts	\$10,000.00	\$3,000.00	\$7,000.00	70.00%
TAT/START	\$75,000.00	\$33,000.00	\$42,000.00	56.00%
<b>Intramural Costs</b>				
USEPA - Direct	\$25,000.00	\$24,000.00	\$1,000.00	4.00%

**Commented [RC2]:** Looks high to me, we only have \$1,000 dollars left.

<b>Total Site Costs</b>	<del>\$110,000.00</del>	<del>\$60,000.00</del>	<del>\$50,000.00</del>	<del>45.45%</del>
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**Commented [RC3]:** I thought the FPN ceiling was 100K.  
Need to factor in indirect costs as well.

\* The above accounting of expenditures is an estimate based on figures known to the OSC at the time this report was written. The OSC does not necessarily receive specific figures on final payments made to any contractor(s). Other financial data which the OSC must rely upon may not be entirely up-to-date. The cost accounting provided in this report does not necessarily represent an exact monetary figure which the government may include in any claim for cost recovery.

## 2.5 Other Command Staff

No information available at this time.

## 3. Participating Entities

### 3.1 Unified Command

USEPA - FOSC, Sunoco Logistics, ~~LOSCO~~ - SOSC

**Deleted:** Louisiana State Police

### 3.2 Cooperating Agencies

Louisiana Department of Environmental Quality  
Caddo Parish Sheriff's Office  
Louisiana Fish and Wildlife

~~Pipeline and Hazardous Materials Safety Administration – demobed X~~  
US Fish and Wildlife – ~~demobed X, is he still contributing?~~

**Deleted:** Louisiana Oil Spill Coordinators Office

## 4. Personnel On Site

No information available at this time.

## 5. Definition of Terms

No information available at this time.

## 6. Additional sources of information

No information available at this time.

## 7. Situational Reference Materials

No information available at this time.